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(54) Implant material.

(57) A material of unalloyed titanium for implantation in body tissue wherein the surface inorganic atomic layer of the material contains

Ti 29 - 33

O 61 - 67

expressed in atomic per cent. In addition, the surface layer may not include amounts of other atoms about certain maximums. By using in living tissue it has been found that such a surface composition has given particularly positive tissue reactions.

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EUROPEAN SEARCH REPORT

EP 86 85 0348

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	CHEMICAL ABSTRACTS, vol. 103, no. 22, 2nd December 1985, page 362, abstract no. 183600h, Columbus, Ohio, US; & JP-A-60 92 761 (KYOCERA CORP.) 24-05-1985 * Whole abstract * ---	1	A 61 L 27/00 A 61 L 31/00
X	FR-A-2 383 656 (CERAVER) * Claim 1 *	1	
X	DE-A-2 313 678 (H. BECKER) * Claims 1,4 *	1	
X	FR-A-2 282 852 (J. MASNOU) * Claims 1,8 *	1	
A	FR-A-2 318 617 (SUMITOMO) * Claims 1,6,7 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4) A 61 L

The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	12-10-1987	PELTRE CHR.	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
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